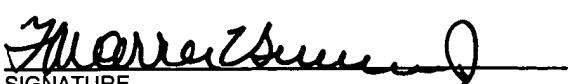


FORM PTO-1390 (REV 11-2000)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NUMBER 829-585
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>09/936818</b>
INTERNATIONAL APPLICATION NO. <b>PCT/JP00/01688</b>	INTERNATIONAL FILING DATE <b>17 March 2000</b>	PRIORITY DATE CLAIMED <b>18 March 1999</b>
<b>TITLE OF INVENTION</b> <b>CRYSTAL GROWTH METHOD, PRODUCTION METHOD OF SEMICONDUCTOR MICROSTRUCTURE, SEMICONDUCTOR DEVICE, AND SYSTEM</b>		
<b>APPLICANT(S) FOR DO/EO/US</b> <b>TAKAHASHI et al</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1.	<input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.	
2.	<input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.	
3.	<input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.	
4.	<input checked="" type="checkbox"/> The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).	
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2)).	
a.	<input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).	
b.	<input checked="" type="checkbox"/> has been communicated by the International Bureau.	
c.	<input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).	
6.	<input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).	
a.	<input checked="" type="checkbox"/> is attached hereto.	
b.	<input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).	
7.	<input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))	
a.	<input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).	
b.	<input type="checkbox"/> have been communicated by the International Bureau.	
c.	<input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.	
d.	<input type="checkbox"/> have not been made and will not be made.	
8.	<input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 34.	
9.	<input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
10.	<input type="checkbox"/> A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).	
<b>Items 11 To 20 below concern document(s) or information included:</b>		
11.	<input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.	
12.	<input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.	
13.	<input checked="" type="checkbox"/> A FIRST preliminary amendment.	
14.	<input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.	
15.	<input type="checkbox"/> A substitute specification.	
16.	<input type="checkbox"/> A change of power of attorney and/or address letter.	
17.	<input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.	
18.	<input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).	
19.	<input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).	
20.	<input checked="" type="checkbox"/> Other items or information. PTO-1449 and copy of International Search Report; Translation of Reply to Wirtten Opinion	

U.S. APPLICATION NO. (If known, See 37 C.F.R. 1.492(e)) <b>09/95818</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP00/01688</b>	ATTORNEY'S DOCKET NUMBER <b>829-585</b>	
<b>21. <input checked="" type="checkbox"/> The following fees are submitted:</b> <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b> <ul style="list-style-type: none"> <li>-- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....\$1000.00</li> <li>-- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$860.00</li> <li>-- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO .....\$710.00</li> <li>-- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$690.00</li> <li>-- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00</li> </ul>				<b>CALCULATIONS</b> PTO USE ONLY
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				\$ 860.00
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).				\$ 130.00
<b>CLAIMS</b>		<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>
Total Claims	113	-20 =	93	X \$18.00 \$ 1674.00
Independent Claims	4	-3 =	1	X \$80.00 \$ 80.00
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)				\$270.00 \$ 0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 2744.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				0.00
				<b>SUBTOTAL =</b> \$ 2744.00
Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).				+ 0.00
				<b>TOTAL NATIONAL FEE =</b> \$ 2744.00
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property				+ \$ 0.00
Fee for Petition to Revive Unintentionally Abandoned Application (\$1240.00 - Small Entity = \$620.00)				\$ 0.00
<b>TOTAL FEES ENCLOSED =</b>				\$ 2744.00
				Amount to be: refunded \$
				Charged \$
a. <input checked="" type="checkbox"/> A check in the amount of \$2744.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$ _____ to cover the above fees. A duplicate copy of this form is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A <u>duplicate</u> copy of this form is enclosed. d. <input checked="" type="checkbox"/> The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application.				
<b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>				
<b>SEND ALL CORRESPONDENCE TO:</b>		 SIGNATURE		
NIXON & VANDERHYE P.C. 1100 North Glebe Road, 8 <sup>th</sup> Floor Arlington, Virginia 22201-4714 Telephone: (703) 816-4000		H. Warren Burnam, Jr. NAME		
		29,366	September 18, 2001	
		REGISTRATION NUMBER	Date	